

Friction as Resistance to Slower of Thin Surface
Layers on Solids, by G. I. Eplfanov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1957, pp 764-767.

Henry Bratcher 4327
\$4.90

Eci - Min/Met
Oct 58

DSIR/23924/CT-
73, 727

The Catalytic Dehydration of Alcohols Over Anhydrous
Magnesium Sulfate, by A. A. Balandin, M. B.
Turova-Polyak, A. E. Agronomov, I. M. Khorlina,
L. S. Konkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^X CIV, No 4, ¹⁹⁵⁷ pp
773-776.

Consultants Bureau

Sci - Chem
Aug 58

69, 114

Nitration of Aromatic Compounds With Nitrogen Pentoxide
by a Radical Mechanism, by A. N. Baryshnikova, A. I.
Titov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ¹~~CIV~~, No 4, ¹⁹⁵⁷~~1~~ pp
777-780.

Consultants Bureau

Sci - Chem
Aug 58

69, 167

Acid Imides. Dialkylphosphoryl-N-Phenyltriazenes and
Their Salts, by M. I. Kabachnik, V. A. Gilyarov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^XCIV, No 4, ¹⁹⁵⁷ pp
781-784.

Consultants Bureau

Sci - Chem
Aug 58

67, 1-8

The Catalytic Synthesis of p-, Nitro-, Amino-
and Sulfamido Derivatives of 2-Phenylquinoline
and 2-Phenyl-5,6-Benzquinoline, by N. S.
Kozlov, O. K. Kozminykh, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No 4, pp
785-788. ^X 1957

Consultants Bureau

Sci - Chem
Aug 58

69, 109

The Oxidative Breakdown of Cellulose Ethers, by
O. P. Kozmina, V. I. Kuzlyankina, E. N. Mateyeva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^X CIV, No 4, ¹⁹⁵⁷ pp
789-791.

Consultants Bureau

Sci - Chem
Aug 58

64, 110

Catalytic Transformations of 1,1,2-Trimethylcyclo-
propane in Presence of Palladized Carbon and Activated
Carbon, by M. Yu. Lukina, S. V. Zotova, B. A.
Kazanskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^X ~~XIV~~, No 4, 1957, PP
792-795.

Consultants Bureau

Sci • Chem
Aug 58

69, 142

The Condensation of Acetylene With Methylheptenone and
its Analogs Synthesis of Linalool and its Analogs, by
I. N. Mazarov, B. P. Gusev, S. M. Makin, V. B. Mochalin,
I. I. Mazarova, V. P. Vinogradov, B. K. Kruptsov,
O. A. Shavrygina, D. V. Mazarova; 4 pp.

RUSSIAN, per, Dok Ak Nauk BSSR, Vol XIV, No 4, 1957, 4 pp
796-799.

Consultants Bureau

Sci - Chem
Aug 58

69, 143.

The Synthesis of Alkylferrocenes by the
Friedel-Crafts Reaction, by A. N. Mesnyanov,
N. S. Kochetkova, Sp.
RUSSIAN, per, Doklady Akademiy Nauk
SSSR, Vol 114, No 4, 1957, pp 840-842.
EIA TT-64-30946

333, 841

Sci
Aug 67

The Problem of the Chromatographic Separation
of Aromatic Hydrocarbons From Their Mixtures
With Organic Sulfur Compounds, by R. D. Obolentsev,
B. V. Aivazov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^X ~~CIV~~, No 4, ¹⁹⁵⁷ pp
803-806.

Consultants Bureau

Sci - Chem

Aug 58

69, 144

Two Methods for the Technical Synthesis of Methyl-
pentadiene, by M. I. Farberov, K. A. Machtina,
S. I. Kryukov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^X CIV, No 4, pp
807-810. 1957

Consultants Bureau

Sci - Chem
Aug 58

69, 145

The Chemistry of Piazothiole Oxidation of 3,4-
Benz-1,2,5-Thiodiazole and its Derivatives
by A. M. Khaletskiy, V. G. Pesin, Chzhou
Tsia, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XIV, No
4, 1957, pp 811-.

Consultants Bureau

Sci - Chem
Aug 58

69, 103

The Thermal Decomposition of Nitrocellulose in
Vacuum, by K. K. Andreyev, B. S. Semsonov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIV, No 4,
1957, pp 815-818.

Consultants Bureau

Sci - Chemistry
Jul 58

RUSSIAN to FRENCH
OTS 77-62-28/66

CIA/FDY/X-2967

67,634

The Explosive Decomposition of Hexogen, by A.
Ya. Apin, Yu. A. Lebedev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1957, pp 819-821.

Consultants Bureau

Sci - Chemistry
Jul 58

Reverse TRANS to French
by OTS 62-26921

67,633

The Adsorption of Hydrogen on Nickel Films
Condensed in High Vacuum, by N. N. Kavtaradze,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1957, pp 822-825.

Consultants Bureau

Sci - Chemistry
Jul 58

67635

The Null Charge Point of Certain Metals and Alloys,
by B. S. Krasikov, V. V. Syssoeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIV, No 4,
1957, pp 826-828.

Consultants Bureau

Sci - Physics
Jul 58

67,636

The Transfer of Energy During Radiolysis of Benzoyl Peroxide Solutions, by V. A. Krongauz, Kh. S. Bagdasaryan, 6 pp.

RUSSIAN, *rev*, Dok Ak Nauk SSSR, Vol. CXIV, No 4, 1957, pp 829-832.

Consultants Bureau

Sci - Chemistry
Jul 58

67,638

An Investigation by the Filtration Method of the
Mechanical Properties of Thin Liquid Films in
Concentrated Emulsions, by S. V. Nerpin, N. S. P.
Bondarenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1957, pp 833-836.

Consultants Bureau

Sci - Chemistry
Jul 58

67,637

A Generalized Formulation of the Gibbs Inequality,
by L. S. Palatnik, A. I. Landsau, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1957, pp 837-840.

Consultants Bureau

Sci - Chemistry
Jul 58

67,639

A Method for Testing the Equation of State of
Gases at High Temperatures, by S. S. Semenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1957, pp 841-843.

Consultants Bureau

Sci - Chemistry
Jul 58

67,640

The Influence of the Addition of Surface Active
Substances on the Intensity of the Vibrational
Pulverization of Cement, by L. I. Edelman, D. S.
Sominisky, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1957, pp 844-847.

Consultants Bureau
OTS 63-16981

Sci - Chemistry
Jul 58

67,641

The Kinetics of the Formation of Alcohol and Alkyl Acid in the Reaction of Propylene and Aqueous Sulfuric Acid, by S. G. Entelis, V. E. Petrukhovich, G. V. Korovina, N. M. Chirkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6, 1957, pp 848-.

Consultants Bureau

Sci - Chemistry
Jul 58

62,572

Determination of Thiosulfates in the Interstitial
Waters of Black Sea Deposits, by I. I. Volkov,
E. A. Ostromlov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 4, pp 853-.

Consultants Bureau

Sci - Geophys

Mar 58

60,666

Effect of Oxygen on Desoxyribonucleic Acid in
Actinomycetes Mycelium, by N. S. Demyanovskaya, M. P.
Znamenskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No ⁴~~A~~, 1957,
pp 856-~~883~~ 858,

Consultants Bureau

Sci - Biology
May 58

62,718

Changes in Catechins During Rolling of Tea Leaf, by K.M.
Dzhenukhadze, L. F. Milesenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4, 1957,
pp 859.

Consultants Bureau

Sci - Biology
May 58

62,719

Corrosion of Quartz in Mesozoic
Weathered Mantle in Northern Kazakhstan,
by N. A. Lisitsyna, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 4, May-Jun 1957, pp 862-864.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 359

The Principal Features of Carboniferous Geology
graphy in the Timan-Pechora Province, by V. A.
Raznitsyn, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 4, May-Jun 1957, pp 867-868.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 360

On the Question of the Petroleum-Producing
Character of the Middle Jurassic Clay Rocks of
the Southeastern Caucasus, by Ch. M. Khalifa-
Zade, 4 ppp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 4, May-Jun 1957, pp 869-872.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 361

On the Question of the Miocene Volcanic Formations of South Sakhalin, by V. N. Shilov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 4, May-Jun 1957, p 873.

Consultant: Bureau

Sci - Geophysics
Aug 58

69, 362

Apophyllite From the Gakmana Ravine in Khibin,
by V. F. Barabanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 4, May-Jun 1957, pp 876-879.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 384

Ceocronite in Ores of the Ekaterino-Blagodat
Deposit, by K. P. Kuznetsov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 4, May-Jun 1957, pp 880-883.

Consultants Bureau

Sci - Geophysics
Aug 58

69,385

The Crystalline Structure^r of Harderite,
Datolite and Gadolinite, by P. V. Pavlov,
N. V. Belov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 4, May-Jun 1957, p 804.

Consultants Bureau

Sci - Geophysics
Aug 58

69,386

G

Trophoblast Growths in the Fibrinoid Matter of
Human Placenta, by Z. P. Zhemkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1957, pp 893-895.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,302

Sensory Elements of the Small Intestine, by
T. S. Ivanova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1957, pp 896-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,304

A Case of Hermaphroditism in the Gonad of the
Medusa Rathkea octopunctata, by V. H. Kulikova,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1957, pp 899-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,281

Interoceptor and Exteroceptor Conditioned Reflexes
Under Conditions of Reduced Salt Intake, by
I. P. Nikitina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
1957, pp 901-903.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70, 294

Dermal Respiration in Man, by N. M. Petrun, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4,
~~1957~~ 1957, pp 904--908.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,293

The Hatching Glands of the White Sturgeon - *Huso huso* (L), by G. M. Ignatyeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4, 1957, pp 908-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,324

On the Approximation of Certain Classes of Continuous Functions by Fourier and Fejer Sums, by A. V. Efimov, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5, 1957, pp 930-933.

SLA R-3133

MORRIS D. FRIEDMAN

Sci -
Feb 58

71, 934

On the Asymptotic Behavior of Solutions of Linear
Difference and Differential Equations, by P. I.
Koval', 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5, 1957,
pp 949-952.

2357
SLA R-~~5152~~

Sci

Aug 58

71,994

On the Representation of Continuous Functions of
Several Variables as the Superposition of Con-
tinuous Functions of one Variable and of Addition,
by A. N. Kolmogorov, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5, 1956,
pp 953-956.

SLA R-3134

MORRIS D. FRIEDMAN
Amer. Mat. Soc.

Sci -
Feb 58

71,935

An Investigation of Water Filtration Through Peat Using
Radioactive Isotopes, by M. P. Volarovich, N. V.
Churayev, B. Ya. Minkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5, 1957,
pp 964-.

Consultants Bureau

Sci - Physics
Jul 58

66,947

On the Nonlinear Theory of Thin Plates, by N. F.
Morozov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5, 1957,
pp 968-971.

Consultants Bureau

Sci - Physics
Jul 58

MIT Lincoln Lab

67,176

An Experimental Study of the Relation Between the
Speed of Highly Elastic Rupture and the Strain Rate,
by V. E. Gul', G. P. Krutetskaya, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol. CXIV, No
5, 1957, pp 973-975.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

57, 575

Mar 58

62-29251

Leonov, Ya. S.
LOS FOSFOROS ZINCO-BORICOS Y SUS PROPIEDADES
LUMINISCENTES (Tsink-Boratnye Fosfory i ikh
Lyuminesatsionnye Svoystva) (Zinc-Boron Phosphors and
Their Luminescent Characteristics). 12p. 9 refs.
CID: 62-251.

Order from OTS, ETC or CID \$0.80 62-29251

Trans. in Spanish of Akademiya Nauk SSSR. Doklady,
1957, v. 114, no. 5, p. 976-978.
Another trans. is available in English from SLA as
R-4173, 7p.

DESCRIPTORS: *Phosphors, Zinc compounds, Boron
compounds, *Luminescence.

(Physics--Solid State, TT, v. 10, no. 9)

I. Leonov, Ya. S.
II. CID-62-251
III. Centro de Información
y Documentación,
Madrid (Spain)

Office of Technical Services

New Methods and Results of the Investigation of
Plastic Dispersed Systems, by V. P. Pavlov, G. V.
Vinogradov, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1957, pp 997-1000.

SLA 59-10276

Sci - Phys
Sep 59
Vol 2, No 1

97,798

The Etching of Dielectrics by Ionic Bombardment,
by G. V. Spivak, A. I. Krokhnina, T. V. Yavorskaya,
Yu. A. Durasova, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
1957, pp 1001-.

CIA/FDD X-2720

Sci - Electricity
Feb 58

58,569

Synthesis of Polyorganocaluminosiloxanes. The
Double Decomposition Reaction of the Sodium
Salts of Alkylsilanetriols With Aluminum
Chloride, by K. A. Adrianov, A. A. Zhdanov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XIV, No
5, pp 1005-1007.

DDC FSI C-134
(9691857)
Sci - Chem
Aug 58

Consultants Bureau

67, 104

Principles of the Chemistry of Enzymes and Anti-
metabolites from the Viewpoint of the Catalysis
Theory, by A. A. Balandin, 4 pp.

X 1957
RUSSIA, per, Dok Ak Nauk SSSR, Vol XIV, No 5, 1 pp
1008-1011.

Consultants Bureau

Sci - Chem
Aug 58

69, 105

The Luminescence of Zinc Oxide-Boric Oxide Phosphors,
by Yu. S. Leonov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 5, 1957, pp 976-

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

59, 576

Mar 58

The Relation Between the Number of Shower
Particles and the Atomic Number of a Disin-
tegrating Nucleus, by Zh. S. Tukibayev, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
CXIV, No 5, 1957, pp 980-983.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

59, 577

Mar 58

On the Pulsations of a Plasma Filament, by
A. G. Kulikovskiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
CXIV, No 5, 1957, pp 984-987.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

59,578

Mar 58

Oscillations of an Infinite Cylinder of Gas Acted on
by its Own Gravity and a Magnetic Field, by I. M.
Iavorskaya, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 5, 1957, pp 988-

Amer Inst of Phys
Sov Phys, "Doklady"
Vol, II, No 3

Sci - Phys

59,579

Mar 58

The Determination of Losses by Seepage and
Evaporation According to Water-Balance Cal-
culations in the Example of the Domashka
Water Reservoir, by G. N. Petrov, R. S.
Petrova, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 5, May-Jun 1957, p 992.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 379

Table of Contents only of:

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 5, 1957.

CIA/FDD X-2608

Nov 1957

The Deposition of Halite in Kara-Bogaz Gulf, by
Ya. B. Blyumerg, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No 5, 1957, pp
1012-1013.

Consultants Bureau

Sci-Chen
Aug 58

69. 106

The Antitubercular Activity of Esters of Thiolsulfonic
Acids, by B. G. Boldyrev, T. S. Ginsburg, R. O.
Drabkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No 5, 1957, pp
1014-1016.

Consultants Bureau

Sci - Chem
Aug 58

69, 697

The Mechanism of Cleavage of Pyridine Bases, by A. F.
Vompe, N. F. Turitsyna, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^XIV, No 5, ¹⁹⁵⁷ pp
1017-1020.

Consultants Bureau

Sci. Chem
Aug 58

67, 101

The Associated States of Selenium in the Gas
Phase, by V. V. Illarionov, L. M. Lapina, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^XCIV, No 5, ¹⁹⁵⁷ pp
1021-1024.

Consultants Bureau

Sci - Chem
Aug 58

69, 101

The Action of Acid Chlorides of Inorganic Acids
on Arylsulfonic Acids. A General Method for the
Preparation of Anhydrides by the Reaction of
Arylsulfonic Acids With P_2O_5 , by V. O.
Lukashevich, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XIV, No 5, pp
1025-1028. 1957

Consultants Bureau

Sci - Chem
Aug 58

67, 102

The Synthesis of Geranylacetone, 3-Methylgeranylacetone,
Pseudoionone and Pseudoionone, by I. N. Nazarov, L. A.
Yanovskaya, B. P. Gusev, S. M. Makin, I. I. Nazarova,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CIV, No 5, ¹⁹⁵⁷ pp
1029-1032.

Consultants Bureau

Sci - Chem
Aug 58

69, 096

New Halogen-Containing Organosilicon-Silicon Compounds
of the Type of $R_3SiOAlX_2$, by N. F. Orlov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ⁴~~CIV~~, No 5, ¹⁹⁵⁷~~1~~ pp
1033-1035.

Consultants Bureau

Sci - Chem
Aug 58

69, 095

The Synthesis of Pyrroles, Pyrrolines and
Pyrrolidines from γ -Ketonalcohols, by A. P.
Terentyev, M. A. Volodina, N. L. Podlesova,
N. E. Golubeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^x CIV, No 5, 1957, pp
1036-1039.

Consultants Bureau

Sci - Chem
Aug 58

69,097

The Transformation of Levoglucosan Into Aromatic
Compounds, by N. N. Shorygina, G. V. Perfilova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ^XCIV, No 5, ¹⁹⁵⁷ pp
1040-.

Consultants Bureau

Sci - Chem
Aug 58

67, 678

Absorption Spectra of Some Dyes in Mixed Solvents,
by Kh. L. Arvan, N. V. Ivanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1977, pp 1043-1045.

Consultants Bureau

Sci - Chemistry
Jul 58

67,642

A Study of the $Zn \rightleftharpoons Zn^{+2}$ Exchange Process on the
Faces of a Zinc Monocrystal Using Radioactive In-
dicators, by B. N. Bushmanov, G. B. Vozdvizhensky,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1957, pp 1046-1048.

Consultants Bureau

Sci - Chemistry
Jul 58

SLA R- 3130
KADIF

67644

The Application of Labelled Atoms to the Study
of the Mechanism of Anode Evolution of Oxygen,
by M. A. Gerovich, R. I. Eganovich, V. M.
Vergalenov, L. N. Gorokhov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIV, No 5,
1957, pp 1049-1052.

Consultants Bureau

Sci - Chemistry
Jul 58

67,643

Elastic-Resiliency and Viscous-Plastic Properties
of Thermosetting Plastics, by I. F. Kanavets, L. G.
Batalova, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIV, No 5,
1957, pp 1053-1057.

Consultants Bureau

Group 26 Lib. 461

Sci - Chemistry
Jul 58

67,645

The Mechanism and Isotope Effect of the Primary Act
of Thermal Decomposition of Chloroform, by A. E.
Shilov, R. D. Babirova, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1957, pp 1058-.

Consultants Bureau

Sci - Chemistry
Jul 58

67,646

New Data on the Average Composition of River Water
for the Territory of the USSR, by O. A. Alekin,
L. V. Brazhnikova, 3 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol CXIV,
No 5, pp 1062-.

Consultants Bureau.

Sci - Geophys

60,667

Mar 58

The Nature of the Primary Photo-reduced Form of
Chlorophyll and its Analogs, by V. B. Evtigneyev,
V. A. Gavrilova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5, 1957,
pp 1066-1069.

Consultants Bureau
SLA R-2124

Sci - Biology
May 58

62,720

The Antitumor Activity of Sarcosine Peptides, by
L. F. Larionov, Z. P. Sofyina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5, 1957,
pp 1070-1072.

Consultants Bureau

Sci - Biology
May 58

62,705

Investigations Into the Alkaloids of Heliotropium
Lasiocarpum. The Decomposition of Lasiocarpic Acid
and its Esters in Solutions of Strong Alkalies, by M. F.
Petrova, S. I. Denisova, G. P. Menshikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIV, No 5, 1957,
pp 1073-1075.

Consultants Bureau

Sci - Biology
May 58

62,706

The Acetylating Function of the Coenzyme-a System
During Radiation Syndrome, by V. N. Filippova, I. F.
Seitz, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5, 1957,
pp 1076-1079.

Consultants Bureau

Sci - Biology
May 58

62,707

On the Participation of Cytochrome Oxidase in the
Process of Chlorophyll Synthesis, by I. A. Chernavina,
B. A. Rubin, L. F. Nikolayeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5, 1957,
pp 1080-

Consultants Bureau
SLA R-2125

Sci - Biology
May 58

62,708

Effect of Increased Addition of Activator Agent on
the Flotation of Pyrrhotite and Sphalerite, by L. N.
Plaksin, G. N. Khazhinskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1957, pp 1084-.

Consultants Bureau

Sci - Chemistry
Jul 58

68,893

Stratigraphic Divisions of the Lower Carboni-
ferous Rocks of the Minusinsk Basin, by M. I.
Graizer, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIV,
No 5, May-Jun 1977, pp 1087-1090.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 363

On the Question of the Age and Stratigraphic
Extent of the Lower Carboniferous Terrigenous
Formations of the Kuibyshev Trans-Volga Region,
by M. M. Grachevskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 5, May-Jun 1957, pp 1091-1093.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 364

On the Pro-Gdov Complex of Belorussia, by
L. M. Levina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 5, May-Jun 1957, pp 1094-1096.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 365

Permian Deposits of the Kyra-Onon Interstream
Area (Transbaikial Region), by N. I. Tikhomirov,
2 pp.

RUSSIAN, per, Dok Ak Bank SSSR, Vol CXIV,
No 5, May-Jun 1957, pp 1097-1098.

Consultants Bureau

Sci - Geophysics
Aug 58

69,366

Age of the Conglomerates of the Metamorphic
Series of the Central Kamchatka Range, by
B. M. Shtempel, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 5, May-Jun 1957, pp 1099.

Consultants Bureau

Sci - Geophysics
Aug 58

69,367

The First Discovery of Elpidite in the USSR,
by I. P. Tikhonenkov, E. I. Semenov, M. E.
Kazakova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 5, May-Jun 1977, p 1101.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 387

The Use of Biochemical Mutants of *Actinomyces*
rimosus to Obtain Hybrid Forms, by S. I.
Alikhanyan, S. Z. Mindlin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIV, No 5,
1957, pp 1113-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,312

Frost-Resistance and Hardening of Corn Plants, by
A. A. Kornilov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 5, 1957, pp 1116-1119.

Amer Inst of Biol Sci

Sci - Med

58,405

Feb 58

Interceptive Conditioned Reflexes From the Bladder
Following Removal of the Thoracic Cord, by
I. A. Bulygin, Z. D. Shchannikova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIV, No 5,
1957, pp 1120-1123.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70 7 88

70 7 88

The Activity of the Injured Motor Analyzer, by
L. S. Gaybaryan, 4 pp.

^{ru}
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1957, pp 1124-1127.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,290

Blood Prothrombokinase and Thrombotropin Insufficiency
in Splenectomized Rats, by B. A. Kudryashov, T. M.
Kalishevskaya, V. E. Pastorova, M. E. Preobrazhenskaya,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1957, pp 1128-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

10289
289

Morphological and Physiological Investigation of
the "Hatching" Gland in Sturgeon at Different
Incubation Temperatures, by G. N. Ignatyeva,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 5,
1957, pp 1132-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70, 319

Table of Contents only

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957.

CIA/FDD X-2676

Dec 57

On the Oscillations of Floating Bodies in a
Bounded Basin, by N. M. Moiseyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1180-.

Consultants Bureau

Sci - Physics
Jul 58

66,950

Asymptotic Representation of Spheroidal Function,
by M. G. Belkina.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1185-1188.

*Morris D. Friedman
(will appear later as SLA)

SLA-87-20216

On the Statistical Theory of Crystallization, by E. A. Arinshtein, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV, No 6, 1957, pp 1189-1191.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol 11, No 3

Sci - Phys

Mar 58

59,580

The LS_3 and LS_4 Lines of Germanium, by G. P.
Borovikova, M. I. Korsunskiy, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1192-1194.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

59,581

Mar 58

The Effect of Neutron Irradiation on the Martensite Transformation, by A. I. Zakharov, O. P. Maksimov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV, No 6, 1957, pp 1195-1198.

AEC Tx 3210
Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

59,582

Mar 58

X-2838

The Quantitative Study of Latent Image Formation by
Ionizing Particles, by A. L. Kartuzhanskiy, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1199-1202.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

59,583

Mar 58

The Spectral Response Curves for Photoconductivity in
CdS Single Crystals, by V. E. Lashkarev, E. A. Sal'kov,
G. A. Fedorus, M. K. Sheinkman, 3 pp.

RUSSIAN, thrice-no per, ¹ Sov Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1203-1205.

Amer Inst of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

Mar 58

59,584
DSIR LL4 M.2454
(Lear)

On the Relationship Between Ordinary Space and
Isotopic Spin Space, by G. A. Sokolik, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1206-1209.

Amer Inst. of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

3-9 585

Mar 58

Distribution Functions for a Classical Electron Gas,
by S. V. Tiablikov, V. V. Toimachev, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIV,
No 6, 1957, pp 1210-

Amer Inst. of Phys
Sov Phys, "Doklady"
Vol II, No 3

Sci - Phys

59, 586

Mar 58

The Action of X-Rays on the Placental Barrier State
at Various Stages of Pregnancy, by L. D. Lukyanova,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 6,
1957, pp 1217-.

Amer Inst of Biol Sci

Sci - Biology

Aug 58

70,326